

FIRE SCIENCE
 Associate of Applied Science Degree
 Catalog 2010-2011

The Associate of Fire Science is designed to give students the essential educational and hands-on elements needed for a career in firefighting. Students will receive training in the basic concepts of firefighting and will participate in actual hands-on evolutions that will give them real experience in the firefighting career field. This program is extremely physically demanding and requires participants to successfully complete evolutions where the students operate in the most aggressive atmospheres that a human being can survive. **The Associate of Applied Science in Fire Science is intended for students who are seeking employment by local fire and rescue service organizations. However, many of the entry-level courses do not require a fire department affiliation.**

					Credit Hours	Grade
BASIC FIREFIGHTER COURSES						
_____	FIRE	110	Firefighter I		9	_____
_____	FIRE	118	Physical Fitness for Firefighters		1	_____
_____	FIRE	120	Firefighter II		6	_____
_____	FIRE	130	Technical Rescue for Firefighters		1	_____
_____	FIRE	140	Hazmat Operations for Firefighters		1	_____
_____	FIRE	150	Fire Lab		<u>5</u>	_____
				Total	23	

GENERAL EDUCATION COURSES						
_____	ENGL	111	Freshman Composition OR			
_____	ENGL	118	Technical Composition		3	_____
_____	ENGL	211	Advanced Composition OR			
_____	ENGL	218	Advanced Technical Composition		3	_____
_____	MATH	130	Conceptual Mathematics		3	_____
_____	COMM	110	Public Speaking OR			
_____	COMM	111	Interpersonal Communication		3	_____
_____	_____	_____	Humanities and Social Science Elective**		<u>3</u>	_____
				Total	15	

REQUIRED COURSES						
_____	EMSP	116	Emergency Medical Technician - Basic		12	_____
_____	EMSP	231	EMT-I Clinical and Field Experience		3	_____
_____	EMSP	223	Intermediate Lab		3	_____
_____	EMSP	224	Emergency Medical Technician - Intermediate		<u>6</u>	_____
				Total	24	

CORE ELECTIVES (can be taken in any combination to equal 28 credit hours including credits hours from required 200 level courses)

_____	FIRE	215	Fire Instructor I		3	_____
_____	FIRE	220	Mandated Firefighter Training		5	_____
_____	FIRE	230	Firefighting Equipment and Apparatus Lab*		4	_____
_____	FIRE	240	Firefighter I Skills Proficiency Lab*		4	_____
_____	FIRE	245	Pumping Apparatus Driver/Operator		4	_____
_____	FIRE	250	Firefighter II Skills Lab*		4	_____
_____	FIRE	255	Firefighter Safety - Save Your Own		2	_____
_____	FIRE	260	Fire Officer I		4	_____
_____	FIRE	265	Fire Officer II		3	_____
_____	FIRE	280	Firefighting Career Internship*		<u>4</u>	_____
				Total	10	

Total credit hours required for this degree is 72

* Indicates designated electives for Farmington Fire Department students.

** See page 37, Humanities and Social Science Electives, 2010-2011 San Juan College catalog.

Due to student contact hour requirements, similarly titled classes from other institutions will not be acceptable to substitute in this program unless specifically reviewed and approved for substitution.